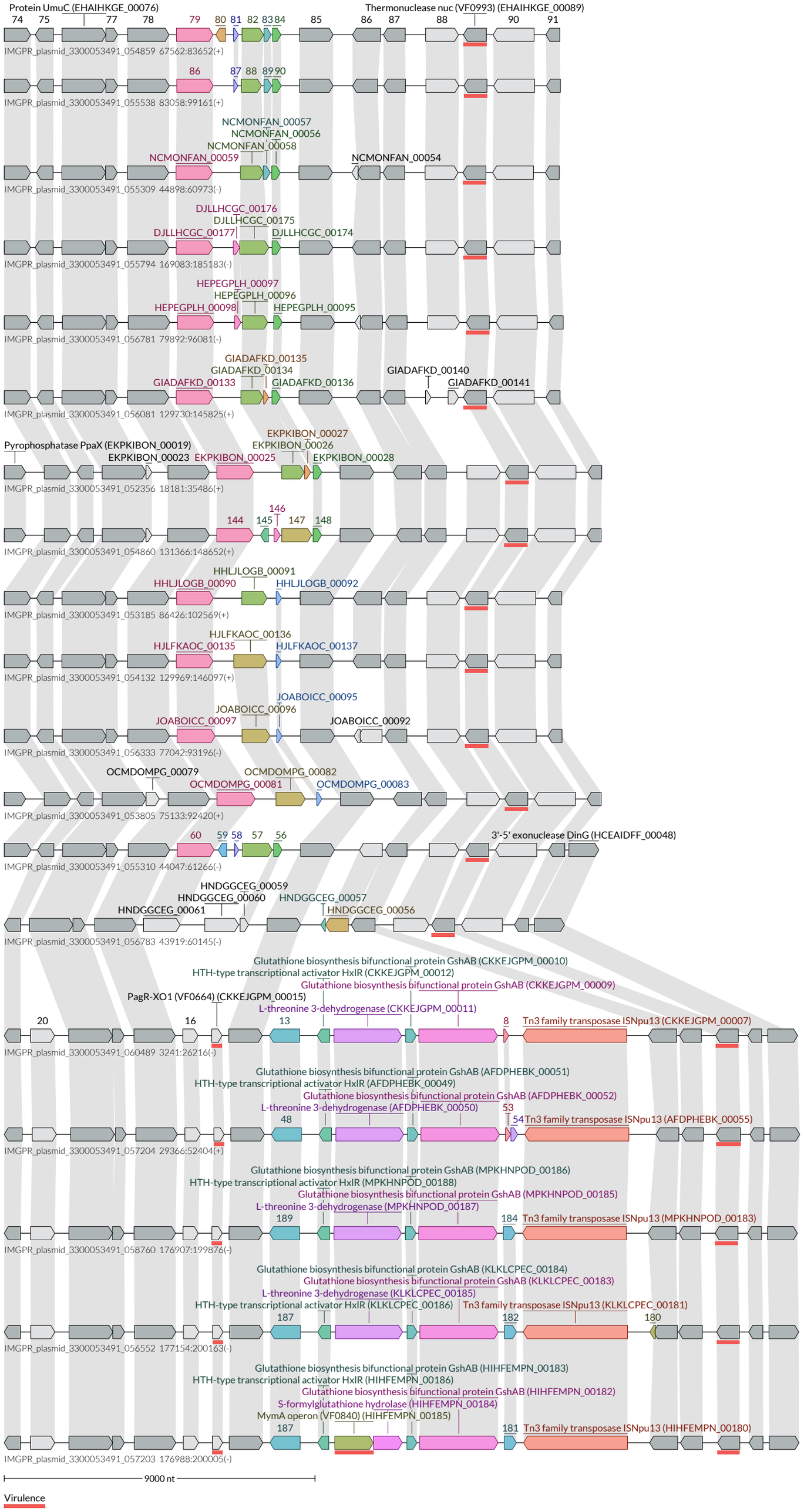
Protein UmuC (EHAIHKGE_00076)
Thermonuclease nuc (VF0993) (EHAIHKGE_00089)
74 75 77 78 79 80 81 82 83 84 85 86 87 88 90 91
IMGPR_plasmid_3300053491_054859 67562:83652(+)
86 87 88 89 90
IMGPR_plasmid_3300053491_055538 83058:99161(+)
NCMONFAN_00057
NCMONFAN_00056
NCMONFAN_00058
NCMONFAN_00059
NCMONFAN_00054
IMGPR_plasmid_3300053491_055309 44898:60973(-)
DJLLHCGC_00176
DJLLHCGC_00175
DJLLHCGC_00177
DJLLHCGC_00174
IMGPR_plasmid_3300053491_055794 169083:185183(-)
HEPEGPLH_00097
HEPEGPLH_00096
HEPEGPLH_00098
HEPEGPLH_00095
IMGPR_plasmid_3300053491_056781 79892:96081(-)
GIADAFKD_00135
GIADAFKD_00134
GIADAFKD_00140
GIADAFKD_00133
GIADAFKD_00136
GIADAFKD_00141
IMGPR_plasmid_3300053491_056081 129730:145825(+)
EKPKIBON_00027
EKPKIBON_00026
Pyrophosphatase PpaX (EKPKIBON_00019)
EKPKIBON_00023
EKPKIBON_00025
EKPKIBON_00028
IMGPR_plasmid_3300053491_052356 18181:35486(+)
146
144 145 147 148
IMGPR_plasmid_3300053491_054860 131366:148652(+)
HHLJLOGB_00091
HHLJLOGB_00090
HHLJLOGB_00092
IMGPR_plasmid_3300053491_053185 86426:102569(+)
HJLFKAOC_00136
HJLFKAOC_00135
HJLFKAOC_00137
IMGPR_plasmid_3300053491_054132 129969:146097(+)
JOABOICC_00095
JOABOICC_00096
JOABOICC_00097
JOABOICC_00092
IMGPR_plasmid_3300053491_056333 77042:93196(-)
OCMDOMPG_00079
OCMDOMPG_00082
OCMDOMPG_00081
OCMDOMPG_00083
IMGPR_plasmid_3300053491_053805 75133:92420(+)
60 59 58 57 56
3'-5' exonuclease DinG (HCEAIDFF_00048)
IMGPR_plasmid_3300053491_055310 44047:61266(-)
HNDGGCEG_00059
HNDGGCEG_00060
HNDGGCEG_00057
HNDGGCEG_00061
HNDGGCEG_00056
IMGPR_plasmid_3300053491_056783 43919:60145(-)
Glutathione biosynthesis bifunctional protein GshAB (CKKEJGPM_00010)
HTH-type transcriptional activator HxlR (CKKEJGPM_00012)
Glutathione biosynthesis bifunctional protein GshAB (CKKEJGPM_00009)
PagR-XO1 (VF0664) (CKKEJGPM_00015)
L-threonine 3-dehydrogenase (CKKEJGPM_00011)
20 16 13 8
Tn3 family transposase ISNpu13 (CKKEJGPM_00007)
IMGPR_plasmid_3300053491_060489 3241:26216(-)
Glutathione biosynthesis bifunctional protein GshAB (AFDPHEBK_00051)
HTH-type transcriptional activator HxlR (AFDPHEBK_00049)
Glutathione biosynthesis bifunctional protein GshAB (AFDPHEBK_00052)
L-threonine 3-dehydrogenase (AFDPHEBK_00050)
53
48 54
Tn3 family transposase ISNpu13 (AFDPHEBK_00055)
IMGPR_plasmid_3300053491_057204 29366:52404(+)
Glutathione biosynthesis bifunctional protein GshAB (MPKHNPOD_00186)
HTH-type transcriptional activator HxlR (MPKHNPOD_00188)
Glutathione biosynthesis bifunctional protein GshAB (MPKHNPOD_00185)
L-threonine 3-dehydrogenase (MPKHNPOD_00187)
189 184
Tn3 family transposase ISNpu13 (MPKHNPOD_00183)
IMGPR_plasmid_3300053491_058760 176907:199876(-)
Glutathione biosynthesis bifunctional protein GshAB (KLKLCPEC_00184)
Glutathione biosynthesis bifunctional protein GshAB (KLKLCPEC_00183)
L-threonine 3-dehydrogenase (KLKLCPEC_00185)
HTH-type transcriptional activator HxlR (KLKLCPEC_00186)
Tn3 family transposase ISNpu13 (KLKLCPEC_00181)
187 182 180
IMGPR_plasmid_3300053491_056552 177154:200163(-)
Glutathione biosynthesis bifunctional protein GshAB (HIHFEMPN_00183)
HTH-type transcriptional activator HxlR (HIHFEMPN_00186)
Glutathione biosynthesis bifunctional protein GshAB (HIHFEMPN_00182)
S-formylglutathione hydrolase (HIHFEMPN_00184)
MymA operon (VF0840) (HIHFEMPN_00185)
187 181
Tn3 family transposase ISNpu13 (HIHFEMPN_00180)
IMGPR_plasmid_3300053491_057203 176988:200005(-)
9000 nt
Virulence